

## Refine Search

### Search Results -

Term	Documents
TRANSMIT	814256
TRANSMITS	568958
COIL	1204976
COILS	399397
(10 AND (TRANSMIT ADJ COIL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7
(L10 AND (TRANSMIT ADJ COIL) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L10 and ((variation) with (magnetic adj field))

Refine Search

Recall Text



Clear

Interrupt

### Search History

DATE: Monday, December 06, 2004   [Printable Copy](#)   [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L11</u>	L10 and (transmit adj coil)	7	<u>L11</u>
<u>L10</u>	L7 and (rf adj magnetic adj field)	58	<u>L10</u>
<u>L9</u>	L8 and (field adj map)	11	<u>L9</u>
<u>L8</u>	L7 and (storage or memory)	3057	<u>L8</u>
<u>L7</u>	(computer adj program) and (magnetic adj resonance)	4731	<u>L7</u>

DB=EPAB; PLUR=YES; OP=ADJ

<u>L6</u>	6484048	0	<u>L6</u>
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<u>L5</u>	EP-1405176-A2.did.	0	<u>L5</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L4</u>	20020060566	2	<u>L4</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	US-6741672-B2.did.	1	<u>L3</u>
<u>L2</u>	US-6741672-B2.did.	1	<u>L2</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L1</u>	20030002631	2	<u>L1</u>

END OF SEARCH HISTORY

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<u>L7</u>	(computer adj program) and (magnetic adj resonance)	4731	<u>L7</u>

DB=EPAB; PLUR=YES; OP=ADJ

<u>L6</u>	6484048	0	<u>L6</u>
-----------	---------	---	-----------

<u>L5</u>	EP-1405176-A2.did.	0	<u>L5</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L4</u>	20020060566	2	<u>L4</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	US-6741672-B2.did.	1	<u>L3</u>
<u>L2</u>	US-6741672-B2.did.	1	<u>L2</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L1</u>	20030002631	2	<u>L1</u>

END OF SEARCH HISTORY

## SYSTEM:OS - DIALOG OneSearch

File 2:INSPEC 1969-2004/Nov W4  
(c) 2004 Institution of Electrical Engineers

\*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 6:NTIS 1964-2004/Nov W4  
(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2004/Nov W4  
(c) 2004 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W1  
(c) 2004 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2004/Nov  
(c) 2004 ProQuest Info&Learning

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File 94:JICST-EPlus 1985-2004/Oct W5  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Oct  
(c) 2004 The HW Wilson Co.

File 144:Pascal 1973-2004/Nov W4  
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File 305:Analytical Abstracts 1980-2004/Dec W1  
(c) 2004 Royal Soc Chemistry

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File 315:ChemEng & Biotec Abs 1970-2004/Nov  
(c) 2004 DECHEMA

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200479  
(c) 2004 Thomson Derwent

\*File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)  
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\*File 347: JAPIO data problems with year 2000 records are now fixed. Alerts have been run. See HELP NEWS 347 for details.

File 344:Chinese Patents Abs Aug 1985-2004/May  
(c) 2004 European Patent Office

File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

\*File 371: This file is not currently updating. The last update is 200209.

12/09/2004

10/723,311

Set	Items	Description
S1	17831	AU=(ZHU, Y? OR ZHU Y?)
S2	265	S1 AND (MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(- W) RESONAN? OR NMR OR NUCLEAR() MAGNETIC() RESONANCE OR FTNMR OR FTMRI OR MAGNETORESONANCE OR PMR OR PROTON(W) MAGNETIC(W) RESO- NAN? OR MR() (IMAGE? OR IMAGING))
S3	1	S2 AND ((REDUC? OR MINIM? OR LOWER) (3N) (RF OR RADIO() FREQU- ENC????? OR RADIOFREQUENC?????))
S4	264	S2 NOT S3
S5	24	S4 AND (RF OR RADIO(3N) FREQUENC????? OR RADIOFREQUENC????? OR MAGNET?(3N) FIELD?)
S6	18	RD (unique items)
S7	0	S6 AND (SPATIAL? OR TEMPORAR?) (3N) VARIATION?

12/09/2004

10/723,311

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1951-2004/Dec W1

(c) format only 2004 The Dialog Corp.

\*File 155: Medline will stop updating COMPLETED records on November 17, 2004. Please see HELP NEWS 155 for details.

File 2:INSPEC 1969-2004/Nov W4

(c) 2004 Institution of Electrical Engineers

\*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 5:Biosis Previews(R) 1969-2004/Nov W3

(c) 2004 BIOSIS

File 6:NTIS 1964-2004/Nov W4

(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2004/Nov W4

(c) 2004 Elsevier Eng. Info. Inc.

File 73:EMBASE 1974-2004/Nov W4

(c) 2004 Elsevier Science B.V.

File 987:TULSA (Petroleum Abs) 1965-2004/Dec W2

(c)2004 The University of Tulsa

File 94:JICST-EPlus 1985-2004/Oct W5

(c)2004 Japan Science and Tech Corp(JST)

File 35:Dissertation Abs Online 1861-2004/Nov

(c) 2004 ProQuest Info&Learning

File 144:Pascal 1973-2004/Nov W4

(c) 2004 INIST/CNRS

File 105:AESIS 1851-2001/Jul

(c) 2001 Australian Mineral Foundation Inc

\*File 105: This file is closed (no updates)

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Oct

(c) 2004 The HW Wilson Co.

File 58:GeoArchive 1974-2004/Oct

(c) 2004 Geosystems

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W1

(c) 2004 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 292:GEOBASE(TM) 1980-2004/Oct B3

(c) 2004 Elsevier Science Ltd.

File 89:GeoRef 1785-2004/Nov B2

(c) 2004 American Geological Institute

\*File 89: Truncate SH codes for a complete retrieval.

File 65:Inside Conferences 1993-2004/Dec W1

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200479

(c) 2004 Thomson Derwent

\*File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)

(c) 2004 JPO & JAPIO

\*File 347: JAPIO data problems with year 2000 records are now fixed. Alerts have been run. See HELP NEWS 347 for details.

Set	Items	Description
S1	1777344	MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(W) RESONAN? OR NMR OR NUCLEAR() MAGNETIC() RESONANCE OR FTNMR OR FTMRI - OR MAGNETORESONANCE OR PMR OR PROTON(W) MAGNETIC(W) RESONAN? OR MR() (IMAGE? OR IMAGING)
S2	41504	MC=(S01-E02A2 OR S03-E07A OR S01-E02A8A OR S01-E02A1 OR S03-E07C OR S05-D02B1 OR S03-C02F1) OR IC=(G01R-003 OR G01N-024- /08 OR G01V-003/A75) OR CC=(A0758 OR A8760I OR B7510N)
S3	1791413	S1:S2
S4	8290	(REDUC? OR MINIM? OR LOWER) (3N) (RF OR RADIO() FREQUENC????? OR RADIOFREQUENC?????)
S5	1466234	RF OR RADIO(3N) FREQUENC????? OR RADIOFREQUENC????? OR MAGNET? (3N) FIELD?
S6	17501	(RF OR RADIO() FREQUENC????? OR RADIOFREQUENC?????) (3N) (PULS? OR SEQUENC? OR SEQUENT?)
S7	1466234	S4:S6
S8	94893	(REDUC? OR MINIM? OR LOWER) (3N) (MR OR MAGNETIC(W) RESONAN? - OR IMAG?)
S9	138830	(PULS? OR SIGNAL?) (3N) (SEQUENC? OR SEQUENT?)
S10	476971	COMPUTER? (3N) PROGRAM? ?
S11	614971	S9:S10
S12	58533	STORAG? (3N) MEDIUM
S13	138583	(SPATIAL? OR TEMPOR? OR SPATIOTEMPORAL? OR SPATIO() TEMPORAL?) (3N) VARIATION?
S14	20892	TRANSMIT? (3N) (COIL? ? OR SPIRAL???? OR CONCENTRIC????? OR - WIRE????)
S15	75022	S3 AND S7
S16	1383	S15 AND S8
S17	245	S16 AND S11
S18	1	S17 AND S13
S19	244	S17 NOT S18
S20	2	S19 AND S14
S21	2	RD (unique items)
S22	242	S19 NOT S20
S23	0	S22 AND S12
S24	1302	S3 AND S13
S25	262	S24 AND S5
S26	3	S25 AND S4
S27	1	RD (unique items)
S28	259	S25 NOT S26
S29	259	S28 AND S13
S30	1	S29 AND S10
S31	258	S29 NOT S30
S32	27	S31 AND S6
S33	22	RD (unique items)
S34	22	S33 NOT S18, S20, S26, S30
S35	14	S13 AND S14
S36	8	RD (unique items)
S37	6	S36 NOT S18, S20, S26, S30, S33
S38	6	RD (unique items)
S39	119	S4 AND S9
S40	1	S39 AND S10
S41	118	S39 NOT S40
S42	93	S41 AND S3



18/3,AB/1 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
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11473727 PASCAL No.: 94-0310986

Stimulated echoes and spin echoes. Simultaneous determination of T SUB 2  
, diffusion coefficient, and RF homogeneity

COUNSELL C J R

MRC, radiobiology unit, Didcot OX11 0RD, United Kingdom

Journal: Journal of magnetic resonance. Series B, 1993, 101 (1) 28-34

Language: English

By comparing information encoded in multiple signals it is possible to measure several sample-dependent parameters in a single experiment with the advantages that the measurements are less susceptible to changes in the sample over the course of an experiment and the total experiment time is **reduced**. An **imaging** sequence is presented that allows simultaneous determination of the **spatial variation** in RF field strength, T SUB 2 relaxation rate, and a combination of T SUB 1 and diffusion coefficient. This sequence can be extended to provide information on other parameters such as chemical shift or flow